

MBNMS Permit Report

December 3, 2008



MULTI-2008-004

Effective Date: TBD

Expiration Date:

Project Title: Annual Aerial Surveys for Seabirds and Waterfowl

Applicant Name: Ms. Cheryl Strong

Affiliation: San Francisco Bay National Wildlife Refuge Complex

Project Summary: To conduct annual aerial surveys for seabirds and waterfowl over portions of the MBNMS and GFNMS.

Location Description - Proposed:

Coordinates:

Latest Event:

12/01/2008 Application received

MBNMS-2008-027

Effective Date: TBD

Expiration Date:

Project Title: Pacific Grove Bathhouse Remodel, addition, and ADA improvements to Lovers Point Park

Applicant Name: Ms. Sarah Hardgrave

Affiliation: City of Pacific Grove

Project Summary:

The proposed project includes a remodel and addition to the Old Bathhouse restaurant building and construction of ADA improvements to the building and adjoining path and walkways. The project includes renovation of the existing building to allow expansion. The existing public restrooms will be removed and relocated. The project also includes replacement of fencing, modifications to the volleyball court, and interpretive signage.

Location Description - Proposed:

The project site encompasses a portion of Lovers Point Park located in the City of Pacific Grove, adjacent to the south shore of the Monterey Bay

Coordinates:

Latest Event:

10/20/2008 Additional information requested

MBNMS-2008-026

Effective Date: 05/09/2009

Expiration Date: 05/09/2014

Project Title: RWQCB ORDER NO. R3-2009-0002 and NPDES NO. CA0007005
Waste Discharge Requirements For The Moss Landing Commercial Park
And Moss Landing Cement Comp

Applicant Name: Mr. Roger Briggs

Affiliation: for the (Moss Landing Commercial Park, LLC)

Project Summary:

This intent of this project is to develop a concrete product that will significantly reduce the carbon footprint associated with the manufacturing of cement.

Seawater is pumped from Moss Landing Harbor by up to nine 100-horsepower pumps through two intake lines to the facility. Seawater, which contains calcium chloride and magnesium chloride (CaCl_2 and MgCl_2), is combined with dolime, lime, brucite (magnesium hydroxide tailings from historical operations of the National Refractories and Minerals Corporation), sodium hydroxide, sodium carbonate, fly ash, and/or calcium and magnesium-bearing silicate materials such as olivine and serpentine. The Discharger's precipitation process also utilizes carbon dioxide (CO_2), sparged from flue gases of the neighboring Moss Landing Power Plant. Following precipitating reactions, the seawater mixture will be directed to as many as seven 3-million gallon (capacity) tanks where settling of precipitated solids will occur.

Location Description - Proposed:

Wastewater is discharged from Discharge Point to the Monterey Bay near Moss Landing Harbor at: 36 48'07" N 121 47' 05" W

Coordinates:

Latest Event:

12/03/2008 Additional information requested

MBNMS-2008-025

Effective Date: 03/01/2009

Expiration Date: 10/01/2009

Project Title: Seawater Desalination Program Offshore Geophysical Survey for the City of Santa Cruz

Applicant Name: Ms. Heidi R. Luckenbach

Affiliation: City of Santa Cruz

Project Summary:

The issues to be investigated are 1) whether favorable geology exists in the potential San Lorenzo alluvial channel to construct subsurface wells as an intake to a seawater desalination facility; and, 2) whether the condition of the abandoned outfall is sufficient for its conversion and use as a screened open water intake.

This project would consist of two investigations, a survey of an assumed offshore alluvial basin (a submerged and now filled and buried former river channel) using both seismic reflection profiling and soil sampling, and a survey of an abandoned outfall location and characterization survey.

The project is designed to:

1) Help provide the information necessary to select the preferred intake location for the future, full-scale, desalination plant to service the City of Santa Cruz and the Soquel Creek Water District and

2) Meet the requirements of the \$611,000 Integrated Regional Water Management Grant funding from the State Water Resources Control Board.

Location Description - Proposed:

Offshore of Santa Cruz

Coordinates:

Latest Event:

11/19/2008 Permit not required for Phase 1

MBNMS-2008-024 - Pending

Effective Date: 12/05/2008

Expiration Date: 12/05/2013

Project Title: Waste Discharge Requirements NPDES General Permit for Discharges from Aquaculture Facilities and Aquariums

Applicant Name: Mr. (RWQCB) Roger Briggs

Affiliation: Central Coast Region

Project Summary:

This Order (General Permit) is intended to authorize and regulate similar discharges from aquaculture facilities and aquariums (facilities that contain, grow, hold, or study aquatic species) to ocean waters of the State within the Central Coast Region. There are currently five dischargers authorized by the General Permit, including two research facilities and three commercial aquaculture facilities.

Facilities authorized by the General Permit may discharge a variety of pollutants attributed to:

(1) feeds, directly or indirectly (feces), (2) residuals of drugs used for maintenance of animal health, and (3) residuals of chemicals used for cleaning equipment or for maintaining or enhancing water quality conditions. Such pollutants can contribute solids and nutrients to receiving waters; and chemical and drug residuals raise concerns regarding toxicity of the discharges and the promotion of resistance to antibiotics.

Location Description - Proposed:

Coordinates:

Latest Event:

11/19/2008 Authorization issued

MBNMS-2008-023

Effective Date: 02/01/2009

Expiration Date: 05/31/2009

Project Title: Collaborative Research: The Internal Tide and Mixing in Monterey and Ascension Canyons

Applicant Name: Dr. John Mickett

Affiliation: Applied Physics Laboratory, University of Washington

Project Summary:

Location Description - Proposed:

Monterey and Ascension Canyons

Latest Event:

10/01/2008 Additional information requested

MBNMS-2008-003

Effective Date: TBD

Expiration Date:

Project Title: Caltrans Vicente Creek / Gamboa Point Retaining Wall project

Applicant Name: Mr. Richard Krumholz

Affiliation: Caltrans

Project Summary:

Caltrans proposes to stabilize the failing slope between Vicente Creek and Gamboa Point from post miles 26.1 through 26.3 on Highway 1, approximately 3 miles north of the town of Lucia on the Big Sur Coast in Monterey County. The project area is an active landslide that causes

disruption of traffic flow, especially during the winter months when rains increase the movement of unstable slopes. Currently maintenance crews are patching this portion of the roadway approximately two times per week. The project area has been designated as an Emergency Permanent Restoration in response to rapid and continual road failure due to the federal declared disaster event in 2006.

Caltrans is proposing to construct a 194-foot long soldier-pile tieback retaining wall along the outside shoulder of the southbound lanes using embedded steel piles with horizontal timber lagging. At it's tallest point the wall face will be 40-feet high. Piles will be encased in Portland cement and will be aesthetic

Location Description - Proposed:

Coordinates:

Latest Event:

12/21/2007 Additional information requested

MBNMS-2006-008

Effective Date: N/A

Expiration Date:

Project Title: Sink a Wreck Project

Applicant Name: Dr. Harry Wong

Affiliation: Chiropractor

Project Summary:

The proponents of this project are evaluating 5-10 sites for the sinking of a decommissioned US Navy ship (approximately 300+ feet in length) within the MBNMS. Their ideal location would allow for a 5-10 minute boat ride, and would be within recreational diving depth.
additional information required....

Location Description - Proposed:

tbd

Coordinates:

Latest Event:

02/23/2006 Additional information requested

MBNMS-2006-005

Effective Date: TBD

Expiration Date:

Project Title: Duke Energy Moss Landing Power Plant NPDES Permit

additional information needed

Applicant Name: RWQCB

Affiliation: Regional Water Quality Control Board

Project Summary:

Ocean discharge from the power plant. The Moss Landing Power Plant NPDES permit has been on Administrative Extension since October 2005. Water Board staff plans to propose a renewed NPDES for the facility in 2007, after the federal court issues its decision regarding litigation over Clean Water Act Section 316(b) regulations.

Also the existing permit for the MLPP is still in litigation due to a lawsuit by Voices of the Wetlands. A renewed MLPP permit will not be enacted until the courts resolve these issues.

Location Description - Proposed:

Moss Landing Power Plant
Ocean Outfall

Coordinates:

Latest Event:

09/15/2006 Additional information requested